

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|---------|---------------------|
| S1 | 2 | ((("5656530") or ("4504766")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/02/19 16:30 |
| S2 | 14 | ("2644113" "2876374" "3788723" "4231660").PN. OR ("4504766").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:03 |
| S3 | 37 | ("2894184" "3675313" "4262399" "4339305" "4405658" "4614564" "4766094" "4882293" "4943538" "4960726" "5007873" "5017995" "5130764" "5136764" "5203731" "5248892" "5262352" "5291051" "5350710" "5362676" "5416355" "5434451" "5476819" "5514900").PN. OR ("5656530").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:08 |
| S4 | 8 | ((WOLFGANG) near2 (SCHNITT)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:13 |
| S5 | 2 | ((HANS-MARTIN) near2 (RITTER)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:13 |
| S6 | 9 | S4 or S5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:13 |
| S7 | 1 | ("4262399").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/20 09:31 |
| S8 | 37 | ("3746950" "3758943" "3763408" "3786320" "3822467" "3837907" "3941630" "4004044" "4045594" "4060427" "4078963").PN. OR ("4262399").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:31 |

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| S9 | 72 | ("3755704" "3789471" "3812559" "3894332" "3921022" "3970887" "3998678" "4008412" "4178531" "4307507" "4498952" "4513308" "4578614" "4685996" "4721885" "4827177" "4874981" "4889821" "4901028" "4916083" "4956574").PN. OR ("5136764").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 09:54 |
| S10 | 49 | ((("5337191" or ("5636033" or ("5760429" or ("6022804" or ("5264317" or ("5366842" or ("5926463" or ("4985312" or ("5185230" or ("5327012" or ("5364481" or ("5378639" or ("5450439" or ("5464683" or ("5473468" or ("5521717" or ("5556694" or ("5571608" or ("5771083" or ("5781801" or ("5906965" or ("5976391" or ("6222865" or ("6222865" or ("4384015" or ("4408637" or ("4532373" or ("4973141" or ("4985735" or ("5182164" or ("5201160" or ("5223305" or ("5232768" or ("5281938" or ("5304829" or ("5326670" or ("5334427" or ("5336911" or ("5380407" or ("5381515" or ("5385867" or ("5410173" or ("5436411" or | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/20 10:05 |

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| | | ("5482784") or ("5514895") or ("5552011") or ("5661061") or ("5706641") or ("5707723") or ("5731601")).PN. | | | | |
| S11 | 49 | ((("5337191") or ("5636033") or ("5760429") or ("6022804") or ("5264317") or ("5366842") or ("5926463") or ("4985312") or ("5185230") or ("5327012") or ("5364481") or ("5378639") or ("5450439") or ("5464683") or ("5473468") or ("5521717") or ("5556694") or ("5571608") or ("5771083") or ("5781801") or ("5906965") or ("5976391") or ("6222865") or ("6222865") or ("4384015") or ("4408637") or ("4532373") or ("4973141") or ("4985735") or ("5182164") or ("5201160") or ("5223305") or ("5232768") or ("5281938") or ("5304829") or ("5326670") or ("5334427") or ("5336911") or ("5380407") or ("5381515") or ("5385867") or ("5410173") or ("5436411") or ("5482784") or ("5514895") or ("5552011") or ("5661061") or ("5706641") or | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/20 10:05 |

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| | | ("5707723") or ("5731601").PN. | | | | |
| S12 | 1404 | ((electrostatic discharg\$3) or (esd) or (spark gap)) and (layers or (laminat\$3 near2 structure)) and protection and (toroid\$2 or circle or cicular or round or oval) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 10:09 |
| S14 | 10 | S12 and (integrated circuit or ic) and (resistor or capacitor or inductor) and polysilicon and aluminum and ((noble gas) or helium or argon) and (silicon or glass or ceramic) and ((dielectric or insulat\$3) with layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 10:14 |
| S15 | 2032 | 257/355.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 10:53 |
| S16 | 1205 | S15 and (discharge or esd) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 10:54 |
| S19 | 95 | S16 and (toroid\$2 or circle or circular or round or oval) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 10:57 |
| S20 | 5 | ("6064094").URPN. | USPAT | ADJ | ON | 2008/02/20 11:24 |
| S21 | 16 | ("6157065").URPN. | USPAT | ADJ | ON | 2008/02/20 11:26 |
| S22 | 6 | ("4198744" "5786613" "5903041" "5908318" "5909033").PN. OR ("6204549").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 11:29 |
| S23 | 4222 | 257/355-364.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 11:38 |

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| S24 | 18 | S23 and (discharg\$3 or esd) and (gap or void or (empty near2 region)) and (toroid\$2 or circle or cicular or round or oval) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 11:39 |
| S25 | 14 | ("3183576" "3287612" "3600648" "4103297" "4157563" "4342045"). PN. OR ("4881113"). URFN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 12:20 |
| S28 | 220 | S23 and (discharg\$3 or esd or spark) and (gap or void or cavity or (empty near2 (region or space))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 12:46 |
| S29 | 1825 | ((electrostatic discharg\$3) or (esd) or (spark)) and (gap or void or cavity or (empty near2 (region or space))) and (layers or (laminat\$3 near2 structure)) and protection and (toroid\$2 or circle or cicular or round or oval) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 12:52 |
| S30 | 928 | ((electrostatic discharg\$3) or (esd) or (spark)) and (gap or void or cavity or (empty near2 (region or space))) and (layers or (laminat\$3 near2 structure)) and protection and (toroid\$2 or circle or cicular or round or oval) and (semiconductor or IC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 12:53 |
| S31 | 3 | ("4821089" "6121080"). PN. OR ("6489232"). URFN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 13:00 |
| S32 | 152 | ((electrostatic and protection) or (discharge and protection)) ti. and (gap or void or cavity or (empty near2 (region or space))) and semiconductor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 13:05 |

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| S34 | 675 | ((electrostatic or discharge or esd or protection)).ti. and (gap or void or cavity or (empty near2 (region or space))) and ("438" or "257" or "357").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 13:10 |
| S35 | 3 | ("5915757").URPN. | USPAT | ADJ | ON | 2008/02/20 13:36 |
| S36 | 163 | ((electrostatic and protection) or esd) and device).ti. and ("257" or "438").clas. | USPAT | ADJ | ON | 2008/02/20 13:47 |
| S37 | 265 | ((electrostatic and protection) or esd) and device).ti. and ("257" or "438").clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 13:48 |
| S38 | 265 | ((electrostatic and protection) or esd) and device).ti. and ("257" or "438").clas. and @ay< "20040130" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 13:48 |
| S39 | 265 | ((electrostatic and protection) or esd) and device).ti. and ("257" or "438").clas. and @ay< "20040130" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 13:49 |
| S40 | 14 | ((electrostatic and protection) or esd) WITH device).ab. and ((gas or air) with (gap or cavity or space or void or region)) and ("257" or "438").clas. and @ay< "20040130" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 13:58 |
| S41 | 32 | ((electrostatic and protection) or esd).ab. and ((gas or air) with (gap or cavity or space or void or region)) and ("257" or "438").clas. and @ay< "20040130" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/20 14:05 |

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| S42 | 31 | (US-20060214222-\$ or US-20020081793-\$).did. or (US-6355958-\$ or US-6323599-\$ or US-4231660-\$ or US-3788723-\$ or US-5136764-\$ or US-5130764-\$ or US-5007873-\$ or US-3675313-\$ or US-4262399-\$ or US-5912499-\$ or US-5369544-\$ or US-6210246-\$ or US-6023126-\$ or US-5557130-\$ or US-5594265-\$ or US-6018183-\$ or US-6204549-\$ or US-5903041-\$ or US-4881113-\$ or US-4724471-\$ or US-6489232-\$ or US-5523244-\$ or US-5933718-\$ or US-5990519-\$ or US-6130459-\$ or US-5477078-\$).did. or (US-5656534-\$ or US-6746947-\$).did. or (WO-8606213-\$).did. or (EP-517391-A-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/02/20 16:53 |
| S43 | 15 | S42 and mask | US-PGPUB; USPAT | ADJ | ON | 2008/02/20 16:53 |

2/21/2008 12:23:25 PM

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